

WHAT IS CLAIMED IS:

1. A color chart for creating a color conversion definition for converting first color data representative of coordinate points in a first color space depending on an input device for entering image to obtain image data into second color data representative of coordinate points in a second color space independent of devices, in which a plurality of color patches different in color is arranged,

wherein said color chart includes color patches associated with all vertexes of a rectangular parallelepiped defined by a base coloring amount (QC_b , QM_b , QY_b) comprising combinations of minimum coloring amounts QC_b , QM_b and QY_b of monochromes of cyan, magenta and yellow in a coloring amount space represented by three axes of coloring amounts of cyan, magenta and yellow, a maximum coloring amount QC_{max} of monochrome of cyan, a maximum coloring amount QM_{max} of monochrome of magenta M, and a maximum coloring amount QY_{max} of monochrome of yellow Y in the coloring amount space, and in addition a color patch associated with an intermediate point located between two vertexes on a straight line coupling the two vertexes with one another, even if any two vertexes of the rectangular parallelepiped are selected.

2. A color conversion definition creating method of creating a color conversion definition for converting

first color data representative of coordinate points in a first color space depending on an input device for entering image to obtain image data into second color data representative of coordinate points in a second color space independent of devices,

wherein a color chart is adopted to obtain the second color data representative of coordinate points in the second color space associated with a plurality of color patches constituting said color chart, and also to obtain the first color data representative of coordinate points in the first color space associated with a plurality of color patches constituting said color chart, through inputting said color chart to said input device,

said color chart includes color patches associated with all vertexes of a rectangular parallelepiped defined by a base coloring amount (QC_b , QM_b , QY_b) comprising combinations of minimum coloring amounts QC_b , QM_b and QY_b of monochromes of cyan, magenta and yellow in a coloring amount space represented by three axes of coloring amounts of cyan, magenta and yellow, a maximum coloring amount QC_{max} of monochrome of cyan, a maximum coloring amount QM_{max} of monochrome of magenta M, and a maximum coloring amount QY_{max} of monochrome of yellow Y in the coloring amount space, and in addition a color patch associated with an intermediate point located between two vertexes on a straight line coupling the two vertexes with one another, even if any two vertexes of the rectangular parallelepiped are selected,

the color conversion definition is created by association of said first color data with said second color data.

[illegible]